

AIN 119-11, ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SETTER (EPIAFS)
IDENTIFIED PROBLEMS FOR 155MM HOWITZERS

1. AIN 118-11 WAS TRANSMITTED ON 101447Z May 11.

2. THIS AIN SUPERSEDES AIN 076-10.

3. REFERENCES:

A. TM 9-1290-211-13&P OPERATOR AND FIELD MAINTENANCE
MANUAL FOR FUZE SETTER: ENHANCED, PORTABLE, INDUCTIVE,
ARTILLERY (EPIAFS), M1155A1, 22 FEB 2010.

B. TM 9-1025-215-10 HOWITZER, MEDIUM, TOWED 155-MM, M777
HOWITZER, MEDIUM, TOWED: 155-MM-M777A1/HOWITZER, MEDIUM,
TOWED: 155-MM, M777A2, 16 SEP 2009.

4. REQUEST SURVEILLANCE ORGANIZATIONS (QASAS) DISSEMINATE
THIS INFORMATION TO ALL ORGANIZATIONS WITH 155MM HOWITZER.

5. PROBLEM: WHEN INSTALLED IN THE COMMUNICATIONS LOCATION
ASSEMBLY (CLA) OF THE M777A2 155MM TOWED HOWITZER, THE
ENHANCED PORTABLE INDUCTIVE ARTILLERY FUZE SETTER (EPIAFS)
PLATFORM INTEGRATION KIT (PIK) CAN COME LOOSE AFTER MULTIPLE
FIRINGS OR AFTER A ROAD MARCH. IF THE PIK IS LOOSE IT WILL
LOSE CONNECTIVITY AND NO LONGER FUNCTION IN THE SYSTEM.
THERE IS ALSO THE POSSIBILITY OF CAUSING ELECTRICAL DAMAGE TO
THE PIK.

6. SYMPTOMS: AFTER SEVERAL FIRINGS WITH A FUNCTIONAL PIK OR
A ROAD MARCH, IF THE CHIEF OF SECTION DISPLAY STATUS LINE
DISPLAYS AN 'F' ALONG WITH 'IFS DEGRADED' OR 'IFS OUT' VISUAL
ALERT, THE PROBLEM HAS MOST LIKELY OCCURRED.

7. SOLUTION/PREVENTION OF PROBLEM: MAKE SURE SYSTEM IS
POWERED OFF BEFORE ATTEMPTING! WHEN THE EPIAFS IS INSTALLED
IN THE CLA OF THE M777A2, IT MUST BE INSERTED COMPLETELY AND
SECURED TIGHTLY. TO DO THIS, INSERT THE PIK AND PUSH UP AND
BACK WITH BOTH THUMBS. THE TAB LOCATED IN THE CENTER OF THE
FRONT OF THE PIK HOUSING SHOULD BE RECESSED BACK FARTHER THAN
THE METAL FEATURE THAT IS ATTACHED TO THE CEILING OF THE CLA.
IF THE PIK IS FLUSH WITH THE FEATURE, IT IS NOT FULLY INSTALLED.

REPEAT THE ABOVE MENTIONED STEPS. AFTER FULLY INSTALLING THE PIK, HAND-TIGHTEN THE THUMBSCREW DOWN WITH A LARGE SCREWDRIVER. ONCE EVERYTHING IS SECURE, APPLY POWER TO THE SYSTEM AND VERIFY THAT THERE ARE NO MORE EPIAFS PIK FAILURES AS DEFINED IN THE SYMPTOMS PARAGRAPH. IF THE PROBLEM OCCURS AGAIN, POWER DOWN THE SYSTEM AND TRY THE STEPS AGAIN.

8. POINT OF CONTACT, RADAR-EIL-LS DSN: 880-4992 OR COMM (973) 724-4992. POC FOR DISTRIBUTION IS AMSJM-QAS, DSN 793-7295 OR COMMERCIAL(309) 782-7295.

9. THIS AIN EXPIRES 31 MAY 2012 UNLESS OTHERWISE RESCINDED OR SUPERSEDED.

//SIGNED//
CHIEF, AMMUNITION SURVEILLANCE DIVISION